

[54] **TONOMETER PROBE FOR DIGITAL READ-OUT**

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 [58] Field of Search.....73/80, 81; 128/2 R

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[57] **ABSTRACT**

A tonometer probe having two concentric coplanar elements for contact with the surface of an eyeball, the elements being separately displaceable under the influence of applied force and respectively having associated force sensitive transducers for producing electrical signals representative of the applied forces acting on the respective elements. By virtue of the arrangement, the force signal afforded by the annular outer sensing element may be employed to provide information as to when the probe is accurately positioned against the eye and the central sensing element is recording force which is truly representative of that exerted by the internal environment of the eye and which then may be reliably converted to a digital reading for display or for direct input to a computer.

7 Claims, 2 Drawing Figures

